VARYTEC

LED Street Bar 16x3W RGB IP65

User manual

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1. Safety Information

- The warranty expires in case of manual changes at the device by the user.
- The device may only be repaired by professionals.
- Only use fuses of the same type as the original and only use original spare parts.
- To prevent fire and electric shock, protect the device against rain and humidity
- Disconnect main power plug before opening the casing.

1.1. Hints for safe and faultless use

Care of heat and high temperatures!

Place the device where it is not exposed to extreme temperatures, humidity or dust. Only use the device in ambient temperature between 5℃ (41℉) - 3 5℃ (95℉). Protect the device against sunlight and sources of heat.

Only place the device on solid surfaces!

Place the device on solid surfaces, to avoid vibrations.

Do not use chemical cleaners!

Metal parts can be cleaned with a moist cloth. Before cleaning the device, always pull out the mains power plug!

If the device does not work correctly!

The user should not try, to maintain the device autonomously. All repairs and service should be realized by a qualified technician.

Handle the mains cable with care!

Never pull at the mains cable to disconnect the device! If the device is not used for a long time period, pull the plug of mains cable out of the socket.

Attention!

The warranty claim expires, when damages are caused by disregarding this user manual. The manufacturer and importer do not assume liability for consequential damages at all. Only qualified and trained technicians are allowed to work at electric parts of the device. All electrical and mechanical connections have to be mounted according to the European safety standards.

2. Unpacking

Thank you for purchasing the **LED Street Bar 16x3W RGB IP65**. Every **LED Street Bar 16x3W RGB IP65** has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your fixture for any damage and be sure all accessories necessary to operate the unit has arrived intact. In case of damage or parts are missing, please contact our toll free customer support number for further instructions.

PLEASE recycle the carton whenever possible**.**

3. Introduction

The **LED Street Bar 16x3W RGB IP65** is a DMX intelligent LED color washlight. This wash can be used in a standalone mode or connected in a Master/Slave configuration. The unit can also be controlled via DMX controller. This unit has seven operating modes: Manual Color mode, Color Change mode, Color Fade mode, Auto mode, RGB Manual Control mode and DMX control mode.

4. Features

- DMX-512 protocol
- Waterproof rating: IP 65
- 3 built-in programs
- Radiator air valve on the rear
- Electronic, flicker-free dimming: 0-100%
- 6 DMX channel-modes: 3, 7, 10, 16, 24, 28 CH

5. Cleaning

Due to fog residue, smoke, and dust cleaning the internal and external optical lenses must be carried out periodically to optimize light output.

Use normal glass cleaner and a soft cloth to wipe down the outside casing.

Clean the external optics with glass cleaner and a soft cloth every 20 days.

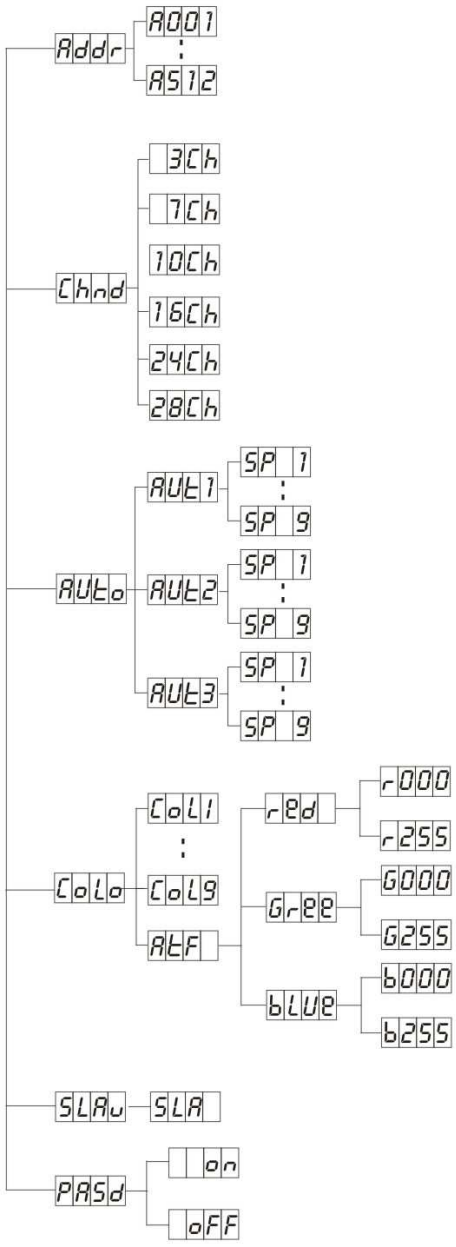
Always be sure to dry all parts completely before plugging the unit back in.

Cleaning frequency depends on the environment in which the fixture operates (i.e. smoke, fog residue, dust, dew).

6. Menu

The **LED Street Bar 16x3W RGB IP65** comes with an easy to navigate system menu. This next section will detail the functions of each command in the system menu. *Please read the next section thoroughly!*

To access the main menu press the ESC button. Tap the UP or DOWN buttons until you reach function you wish to change. When you reach the function you wish to change press the ENTER button. When a function is selected, use the UP or Down buttons to change the function settings. Once your changes are made press the ENTER button,



Addr - *DMX Address setting via control board*

1. Tap the ESC button and UP button or DOWN button until “Addr” is displayed, press ENTER.
2. “Axxx” will now be displayed; “x” represents the displayed address. Press the UP or DOWN buttons to find your desired address.

Chnd - *This lets you select your desired DMX Channel mode.*

1. Tap the ESC button and UP button or DOWN button until “Chnd” is displayed, press ENTER.
2. “X Ch” will now be displayed, “X” represents the displayed DMX channel mode. Press the UP or DOWN buttons to find your desired Channel mode.

Auto – *This lets you select your desired auto mode*

1. Tap the ESC button and UP button or DOWN button until “Auto” is displayed, press ENTER.
2. “Autx” will now be displayed. You can confirm three modes by UP or DOWN for auto mode.

Colo – *Manual color dimming mode*

1. Tap the ESC button and UP button or DOWN button until “CoLo” is displayed, press ENTER.
2. “CoLX” will now be displayed, “X” represents a number between 0-9. Press the UP or DOWN buttons to select either a static color mode.
3. Press UP and DOWN Button until “ATF” is displayed, now the fixture is under the manual color dimming mode. Press ENTER to display “red” ”green” ”blue” and then press ENTER again, it will display “rXXX” ”GXXX” “bXXX”, XXX represents the value of Red, Green, or blue. Press the UP or DOWN to set up the value.

SLav- *This menu will let you select your desired Master/slave mode*

1. Tap the MENU button until “SLav” is displayed, press ENTER.
2. “Sla ” will now be displayed, Slave mode is confirmed. It will be slaved by auto mode sound mode and chase mode

VER - *This will display the software version*

1. Tap the MENU button until “VER” is displayed. Press the ENTER button and the software vesion will be displayed.
2. Press the MENU button to leave this function.

7. DMX control mode

Universal DMX Control: This function allows you to use a universal DMX-512 controller for controlling the **LED Street Bar 16x3W RGB IP65**. A DMX controller allows you to create unique programs tailored to your individual needs.

1. The **LED Street Bar 16x3W RGB IP65** uses six DMX channel modes. See next page for detailed description of the DMX traits.
2. This will allow you to create your own programs.

8. DMX channel and function

3CH	7CH	10CH	16CH	24CH	28CH	FUNCTION
1	5	5	5	1	5	R
2	6	6	6	2	6	G
3	7	7	7	3	7	B
		8	8	4	8	R
		9	9	5	9	G
		10	10	6	10	B
			11	7	11	R
			12	8	12	G
			13	9	13	B
			14	10	14	R
			15	11	15	G
			16	12	16	B
				. . .	. . .	. . .
				22	26	R
				23	27	G
				24	28	B
	1	1	1		1	DIMMING
	2	2	2		2	LED main
	3	3	3		3	SPEED
	4	4	4		4	Strobo

DMX value and function

DIMMING	0<----------->255 0%<----------->100%								
LED main function	0~9：dimmer	10~19 strobing	20~29 mode1	30~39: mode2	……	210~219 mode20	220~229 auto 1	230~239 auto 2	240~255 auto 3
function speed	0<----------->255 slow<----------->fast								
strobo	0:NO strobing 1~255: slow<----------->fast								

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